

Patent Abstracts of Japan

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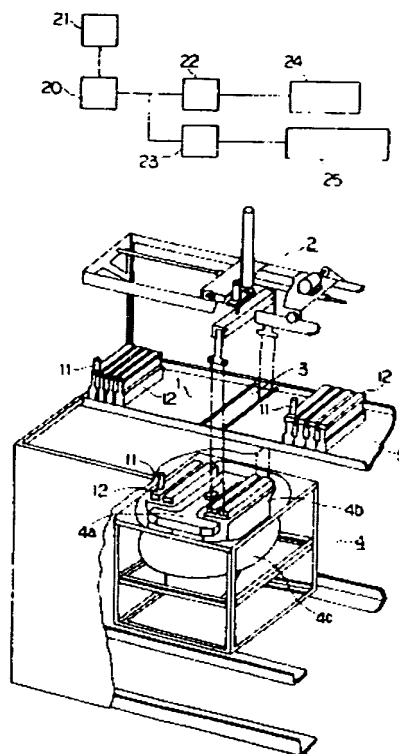
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TITLE : AUTOMATIC CENTRIFUGAL  
DISPENSER



ABSTRACT : PURPOSE: To accurately stop the rotor of a centrifugal separator at a position for taking a rack in and out for eliminating failure in the operation of taking said rack in and out, by stopping the motion of an indexing mechanism when a signal for a stop position is outputted from a detector for the stop position.

CONSTITUTION: A rack 12 holding a plurality of centrifugal pipes 11 which receive a sampled body to be examined is attached to the rotor 4a of a centrifugal separator 4, the body to be examined being existent in the centrifugal pipes 11 is centrifugally separated by the rotation of said rotor 4a, and the rack 12 is detached from the rotor 4a after the centrifugal separation. In the automatic centrifugal dispenser equipped with an indexing mechanism 25 for checking the stop position of the rotor 4a when the rack 12 is taken in or out of the centrifugal separator 4 in this way, the central processing unit 20 of a microcomputer still drives the mechanism 25 even when the rotor 4a stops at its stop position, and stops the motion of the mechanism 25 when a signal for the stop position is outputted from a detector 24 for the stop position again to accurately stop the rotor 4a at a position for taking the rack 12 in or out.

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